### INTERNATIONAL SEARCH REPORT

International application No. PCT/JP2004/010444

A	CLASSIFIC	ATTON	OF	SUB	JECT	MA'	TTER

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl<sup>2</sup> Cl2Nh5/13, Cl2Nb5/10, Cl2Pb2/102, COTK16/18, A61K39/395,
G01N33/561, G01N33/53, G01N27/447

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
JSTPLUS, WPI (DIALOG), BIOSIS (DIALOG), PUBMED

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Further documents are listed in the continuation of Box C.

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Hisato TACHIBANA et al., "Mouse Pukko B-1 Saibo ni okeru joining (hain Idenshi no Hatsugen", Nichidai Shiqaku (2002), Vol.76, No.5, pages 425 to 433, page 428, right column, line 13 to page 430, left column, line 4	1-8
Y	STOLL T.S., Effects of culture conditions on the production and quality of monoclonal IgA., Enzyme Microb Technol (1997), Vol.21, No.3, pages 203 to 211, page 207, tables	1-8
- <b>A</b>	MAYUS J.L., Inhibition of in vitro anti-DNA B-cell responses by cyclosporine, Cell Immunol. (1985), Vol.94, No.1, pages 195 to 204	1-8
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See patent family annex.

	Special categories of cited documents:     Ar document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention				
	"E" earlier application or patent but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone				
	cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is				
	"O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	being obvious to a person skilled in the art  "&" document member of the same patent family				
	Date of the actual completion of the international search 05 October, 2004 (05.10.04)	Date of mailing of the international search report 26 October, 2004 (26.10.04)				
	Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer				
Facsimile No.		Telephone No.				
	Form PCT/ISA/210 (second sheet) (January 2004)					

# INTERNATIONAL SEARCH REPORT

International application No.

		PCT/JP2	004/010444
(Continuation).	DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant	int passages	Relevant to claim No.
Α .	STOCK S.J., Production and isolation of large quantities of monoclonal antibody u serum-free medium and fast protein liquid chromatography, Hybridoma (1989), Vol.8, No.2, pages 241 to 247	sing	1-8
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# INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/010444

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.:  because they relate to subject matter not required to be searched by this Authority, namely:
· · ·
Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
0 TO .
· · · · · · · · · · · · · · · · · · ·
<ol> <li>Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).</li> </ol>
2.55.4
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows: There is no matter seemingly being a special technical feature in the meaning within the second sentence of PCT Rule 13.2 common to the inventions according to claims 1 to 8, claims 9 to 33, claims 34 and 36 to 40, claims 35 to 40, claims 41 and 43 to 48, claims 40 and 53 and claims 50, 51 and 53 and claims 54 to 65, either each other or all of these invention groups. Thus, no technical relevancy can be found out among these different groups of inventions in the meaning within PCT Rule 13.  Such being the case, it is obvious that the inventions according to claims 1 to 65 do not comply with the requirement of unity of invention.
<ol> <li>As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.</li> </ol>
<ol> <li>As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.</li> </ol>
<ol> <li>As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:</li> </ol>
4. X No required additional search fees were timely paid by the applicant. Consequently, this international search report is
No required acontional search less was unusy paid by the opportunity of the opportunity o
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Remark on Protest
No protest accompanied the payment of additional search fees.

# **COPY SUBMITTED IN IDS**

# INTERNATIONAL SEARCH REPORT

International application No.

	PCT/JP2004/010444				
Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item1.b o	of the first sheet)				
<ol> <li>With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:</li> </ol>					
a. type of material					
a sequence listing					
table(s) related to the sequence listing	• 1				
b. format of material					
in written format					
in computer readable form					
c, time of filing/furnishing	-				
contained in the international application as filed					
filed together with the international application in computer readable for	orm .				
furnished subsequently to this Authority for the purposes of search	•				
2. X In addition, in the case that more than one version or copy of a sequence listin	og and/or table relating thereto has been filed				
or furnished, the required statements that the information in the subsequent or					
application as filed or does not go beyond the application as filed, as appropri	iate, were furnished.				
3. Additional comments:	•				
5. Additional confinence.					
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